

kogan

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USER MANUAL







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LCD TV

1.Safety precaution

Notes:

 WARNING RISK OF ELECTRIC SHOCK DO NOT OPEN 	The lightning flash with arrowhead symbol, within an equilateral triangle, is intended to alert the user to the presence of insinuated "dangerous voltage" within the product's enclosure that may be of sufficient magnitude to constitute a risk of electric shock	
CAUTION: TO REDUCE THE RISK OF ELECTRIC SHOCK, DO NOT REMOVE COVER(OR BACK). REFER SERVICING TO AUTHORISED SERVICE PERSONNEL.	The exclamation point within an equilateral triangles is intended to alert the user to the presence of important operating and maintenance (servicing) instructions in the literature accompanying the product.	

WARNING:
TO REDUCE THE RISK OF FIRE OR ELECTRIC SHOCK, DO NOT EXPOSE THIS PRODUCT TO RAIN OR MOISTURE.

- ◆ Always power this product from an outlet with the same rating (voltage and frequency) as indicated on the rating label on the back of the product.
- ◆ If this product has been damaged (including cord or plug) take it to an authorised our service technician for inspection, and if necessary, repair.
- ◆ Turn off and disconnect the power cable before cleaning or storing this product.
- ◆ Ensure this product does not get wet.
- ◆ Do not place naked flames, such as lit candles on or near the product.
- ◆ Do not place objects filled with liquids, such as vases on or near the product.
- ◆ Do not install this product on top of other electrical equipment or on uneven surfaces.
- ◆ Do not use or store this product in a place where it is subject to direct sunlight, heat, excessive dust or vibration.
- ◆ Do not use this product with wet hands.
- ◆ Do not clean this product with water or other liquids.
- ◆ Do not block or cover the slots and holes in the product.
- ◆ Do not push foreign objects into the slots or holes in the product.
- ◆ The screen surface is easily scratched. Do not touch the screen with your hands or any hard object.
- ◆ Do not pull the power cord when disconnecting power. Turn off at the switch on the socket and pull the plug not the cord.
- ◆ Do not attempt to open this product yourself. There are no user serviceable parts inside.

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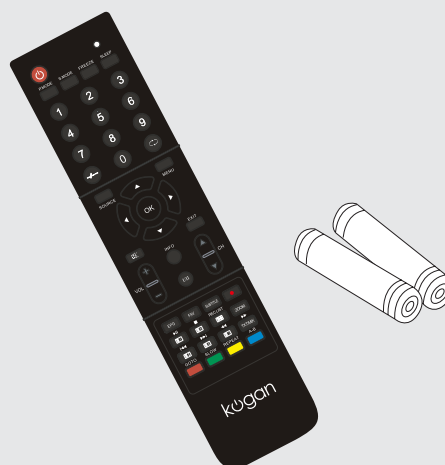
SAFETY WARNINGS

- ◆ Before using this product, read and follow all warnings and instructions.
- ◆ This product is not intended for use by young children. Young children should be properly supervised.
- ◆ This product is intended for household use only and not for commercial or industrial use.
- ◆ Allow suitable distances around the product for sufficient ventilation.
- ◆ Ventilation should not be impeded by covering ventilation openings with items such as newspapers, table cloths, or curtains.
- ◆ Make sure the LCD TV stand is adjusted to a stable position. Damage caused by using this product in an unstable position or by failure to follow any other warning or precaution contained within this user manual will void warranty.

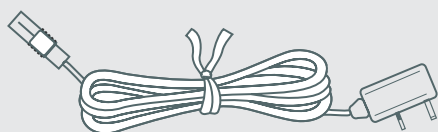
2.Accessories

Check the accessories

(TV accessories)



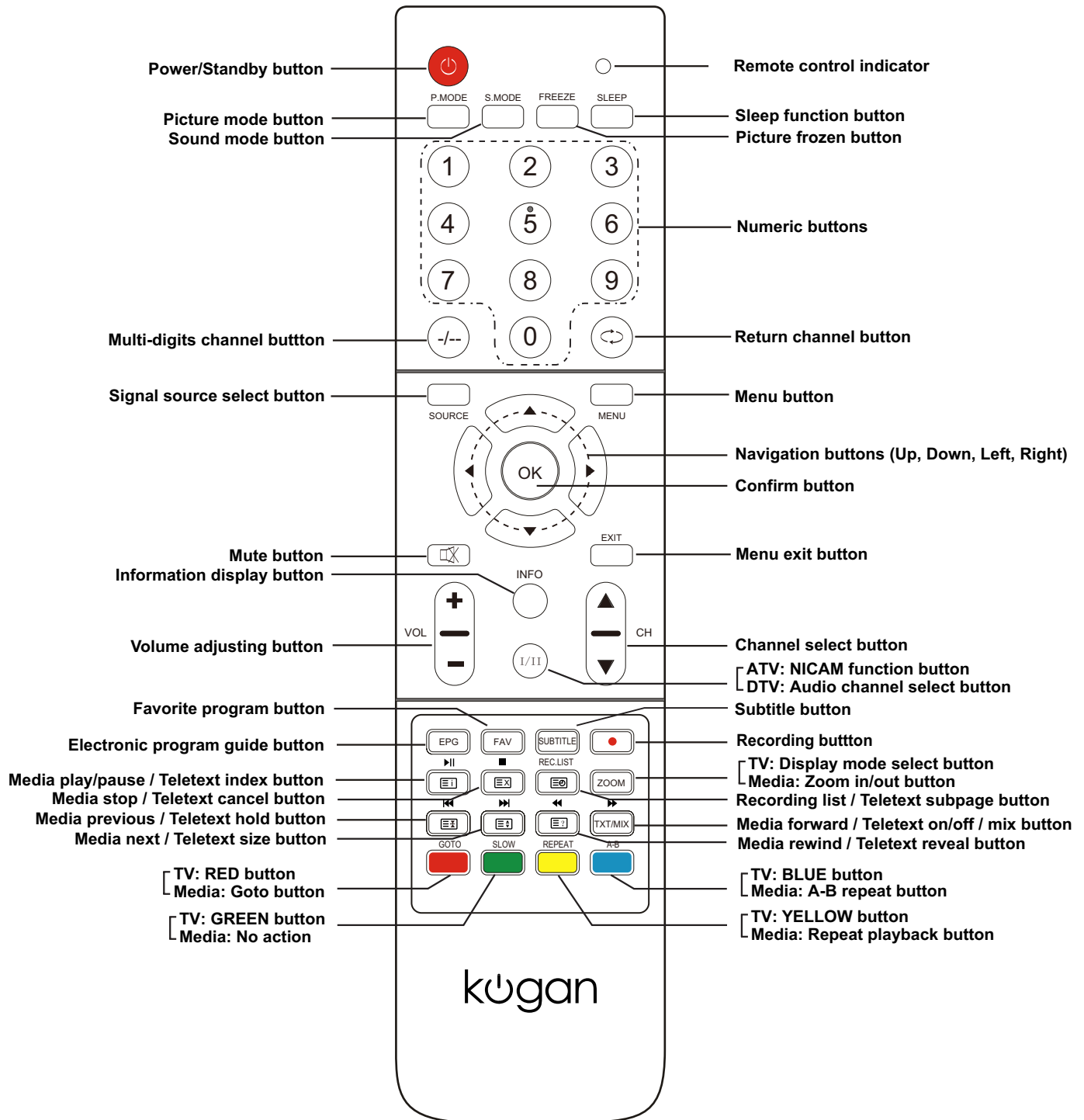
Remote control/batteries



Power cord

LCD TV

3.Remote control



- * If there is light around the TV, the remote control may fail or work abnormally.
- * If long time not to use the remote, please remove the battery.

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4.Remote control functions

⏻: Power on/off button, press once to turn the TV on and press again to turn the TV off.

P.MODE: Picture mode button, setting the picture mode.

S.MODE: Sound mode button, setting the sound mode.

FREEZE: Press the FREEZE button to freeze the picture on the screen at current frame.

SLEEP: Sleep button, setting TV power off time.

0,1-9: TV channel selection button.

↶↷: Previous channel button, return to the previous channel watched.

-/--: Press to select a channel number higher than 9.

SOURCE: Signal source selection button (ATV/DTV/Media/AV1/AV2/S-Video/PC/Component1/Component2/HDMI1/HDMI2).

MENU: OSD menu button, to enter the TV setup menu.

▲/▼ (UP/Down): Up and down button of the OSD menu. To change the OSD menu items.

◀/▶ (Left/Right): Left and right button of the OSD menu. To select the OSD menu items.

OK: Confirm button, confirm all the changes and settings.

INFO: Press the INFO button for information.

EXIT: Press the EXIT button to exit the operation.

VOL+/-: Volume adjusting button, to increase or decrease the volume.

CH▲/▼: Channel selection button, to increase or decrease channel.

⏸: Mute button, press once to disable the audio and press again to enable the audio.

I/II: TV mode--Press to choose different audio languages; DVD mode--Press to choose a different audio channel.

EPG: Press the EPG button for detailed information about the channel.

FAV: Press the FAV button to start the "Favorite List" for selecting your favorite program.

●: Press to start recording programme.

REC.LIST: Press the REC.LIST button to display the recording list.

Media operation

ZOOM: Press to zoom in the picture.

SUBTITLE: Press to display current sub-title.

▶ II: Press to play or pause the Media display.

◀◀: Press to move backward.

▶▶: Press to move forward.

■: Press to stop the Media display.

◀◀: Press to play last item.

▶▶: Press to play next item.

Teletext operation

TXT/MIX: Press it to enter teletext state and display teletext page; press this button again, display both image and teletext page at the same time. If you want to exit teletext state, press this button again.

CANCEL: Do not display the content of the page, but only the channel image. Press it again to display the content of the page again.

SIZE: Press it once to enlarge the content on the upper part of the page, and press it the second time to enlarge the content on the lower part of the page, and the third time to resume normal display of all the contents on the page.

SUBTITLE: Press the SUBTITLE button to display the subtitle function.

HOLD: Press it once to keep the display of the page, and press it again to exit hold state.

REVEAL: Press it once to display the hide text, press it again to close the display of hide text.

SUBPAGE: It is refer to the subpage of teletext page, i.e. subcode page. When it is pressed, the screen display the requirement of subpage code entry. If there is no subpage, it will not be displayed. In most case, there is no subpage.

INDEX: Press it once to display the index for all the teletext page.

Number buttons 0~9 on the remote control can be used to get to a certain page. "▲/▼" button on the remote control can be used to display the content of previous or next page. Press the RED, GREEN, YELLOW & BLUE buttons on the remote control, the page of relevant color displayed on the lower part of the screen will be displayed.

FAST TEXT: The RED, GREEN, YELLOW & BLUE buttons are used for quick access to color coded pages transmitted by FAST TEXT broadcast.

Example:

RED selects CITY INFORMATION,

GREEN selects WEATHER INFORMATION,

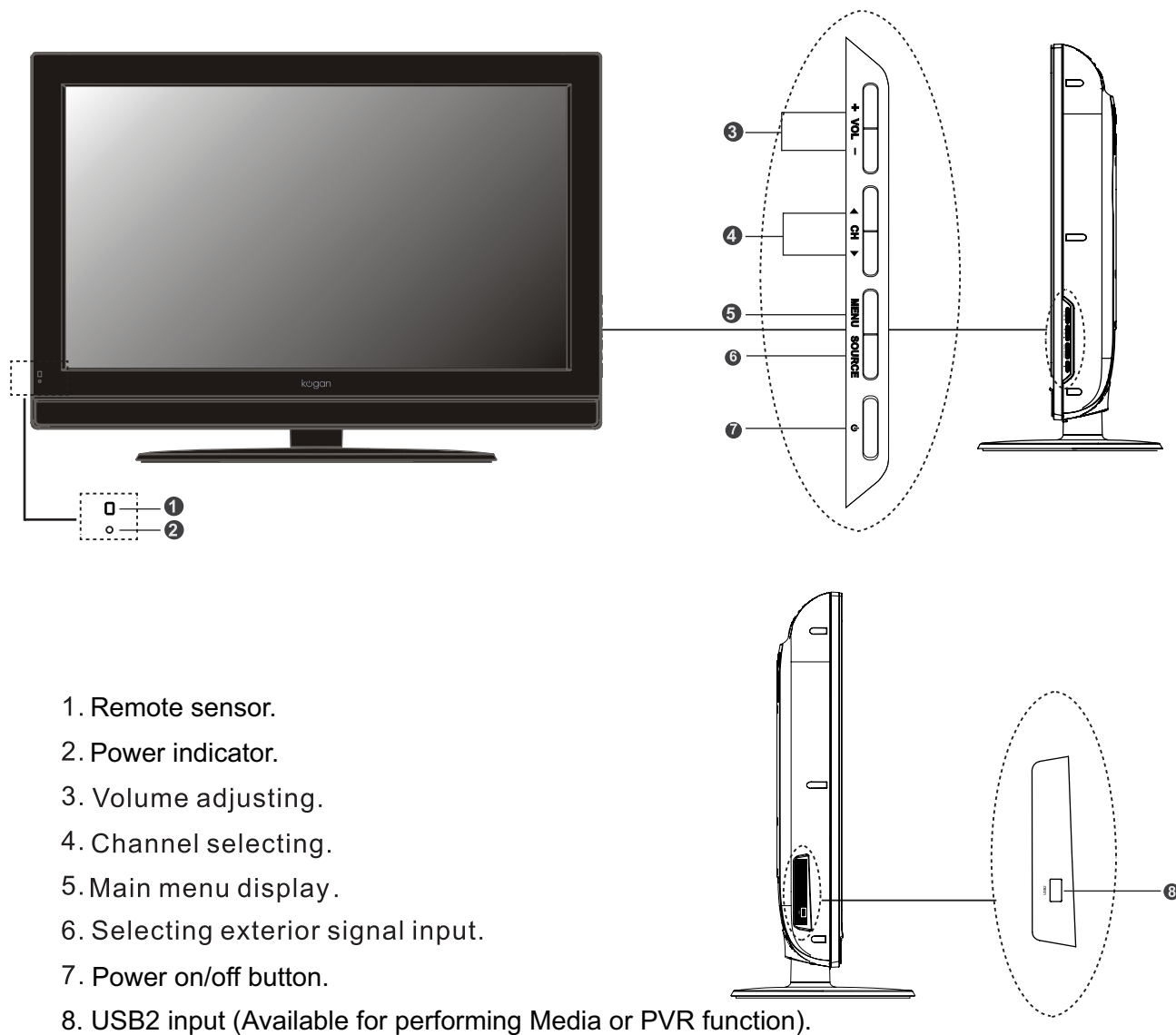
YELLOW selects TV PROGRAMMING,

BLUE selects TRAVEL INFORMATION.

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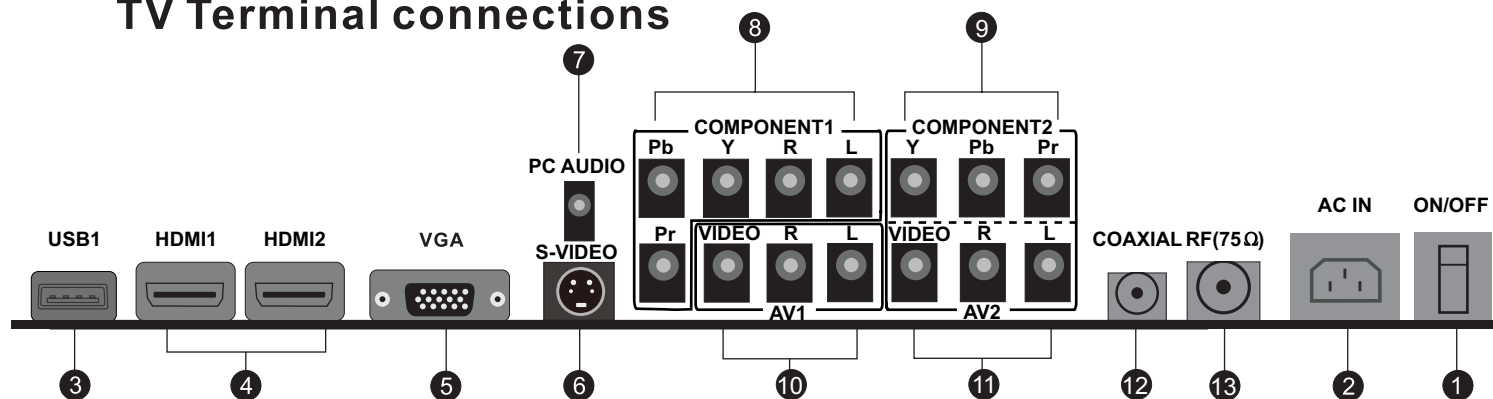
5.LCD TV panel overview

TV Control Panel



LCD TV

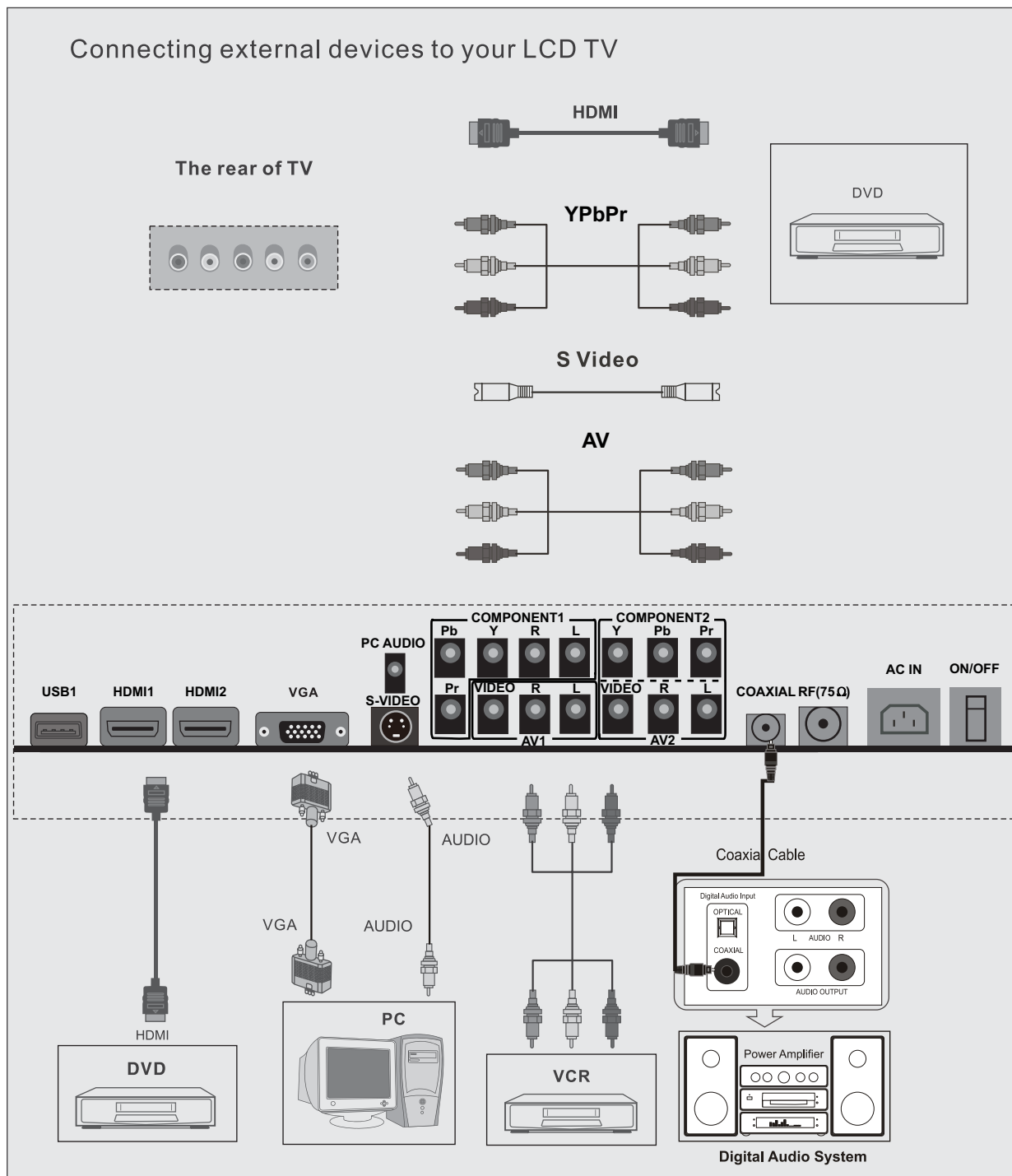
TV Terminal connections



1. Power on/off button.
2. AC power input terminal.
3. USB1 input (Available for performing Media or PVR function).
4. HDMI input.
5. VGA input.
6. S-VIDEO input.
7. PC audio input.
8. Component video & audio input terminals (COMPONENT1).
9. Component video input terminals (COMPONENT2).
10. Composite video & audio input terminals (AV1).
11. Composite video & audio input terminals (AV2).
12. Coaxial audio signal out plug.
13. Antenna input (75 Ohm VHF/UHF)

LCD TV

6.Connecting to external devices

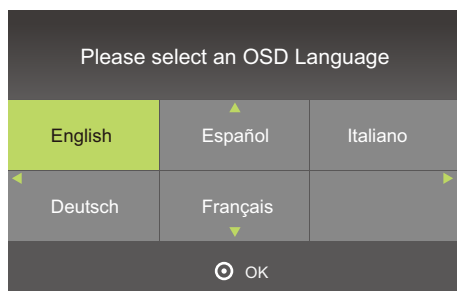


Notes:

VGA use a common PC AUDIO in.

7.The OSD menus

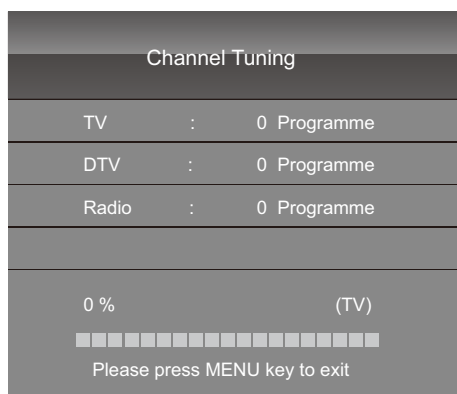
Menu Setup TV (First time installation wizard)



If this is the first time switch on, the First time installation menu will appear on the display.

Language

Press ▲/▼/◀/▶ button to select the desired language, then press OK button to enter the “Channel Tuning” screen. The original language of this TV is English.



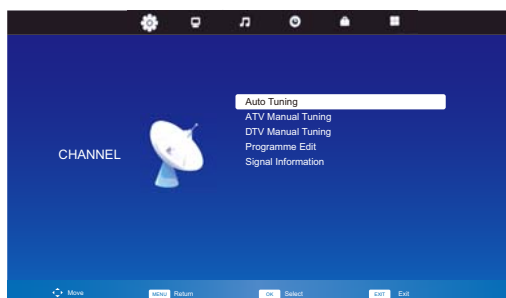
Channel Tuning

The TV will start searching channels automatically from the lowest frequency. When it finds a station, it will store this in the first location and move to the next. When auto tuning is completed, the TV will display the first station found.

Press MENU or EXIT button to skip or cancel the tuning process.

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★ Menu Operation Under TV Input



1 CHANNEL MENU

The image on the left depicts the channel menu.

The definition of each option:

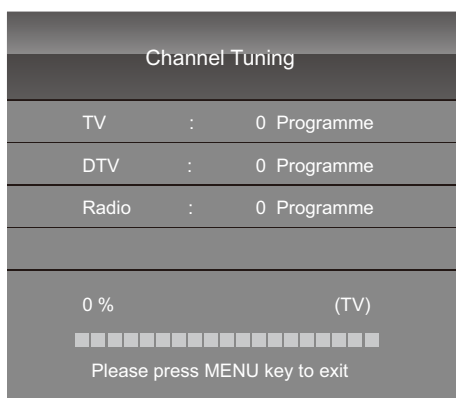
Auto Tuning: Press ▲/▼ button to this position, then press ► or OK button to enter auto tuning of both ATV and DTV channels.

DTV Manual Tuning: Press ▲/▼ button to this position, then press ► or OK button to enter DTV Manual Tuning. It will scan current DTV (Digital TV) program within a frequency range accurately and store the result manually.

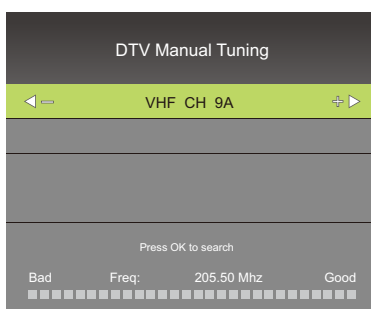
ATV Manual Tuning: Press ▲/▼ button to this position, then press ► or OK button to enter ATV Manual Tuning.

Programme Edit: Press ▲/▼ button to this position, then press ► or OK button to enter Programme Edit screen. You can do such editing operations as delete, rename, move, skip (sign/cancel the skip mark) and fav (add/delete to the favorite program list) for the selected channel in the available channel list when the “Programme Edit” is selected.

Signal Information (For DTV only): Press ▲/▼ button to this position, then press ► or OK button to enter Signal Information screen.

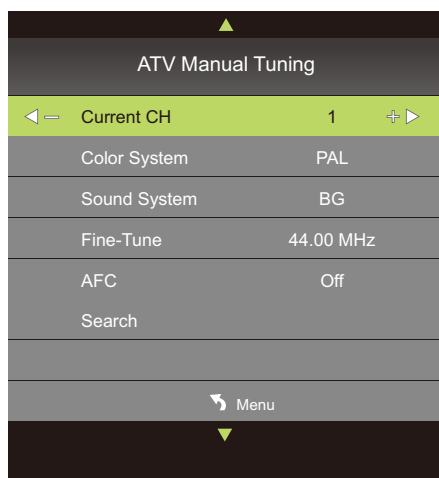


Auto Tuning: It will auto scan the channels automatically, and stop at the end of the channel search. The auto scan result stores in the internal memory automatically.



DTV Manual Tuning: Press ◀▶ button to select channel, then press OK button to search programs.

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ATV Manual Tuning:

Current CH: Press ◀▶ button to select the channel number you want to store.

Color System: Press ◀▶ button to change the color system as Auto, SECAM, PAL.

Sound System: Press ◀▶ button to change the sound system as DK, I, BG.

Fine-Tune: Press ◀▶ button to scan current program within a frequency range accurately and store the result manually.

AFC: Press ◀▶ button to set the Automatic Frequency Control to On or Off.

Search: Press ◀▶ button to start search.



Programme Edit: Press ▲▼ button to move the highlighted bar. Press the colored short-cut keys to do the editing operations, and press MENU button to stop the editing work.

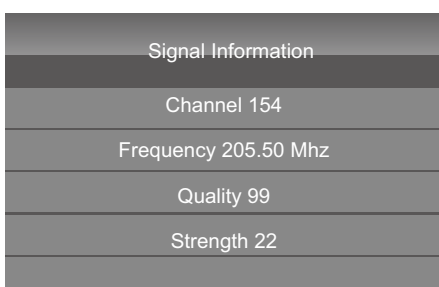
Note:

Before doing editing operations, make sure the channel list is not an empty one.

This option has five functions:

1. Press Red button to delete the current channel.
2. Press Green button to rename the current channel (For ATV only).
3. Press Yellow button and ▲▼ button to move the current channel.
4. Press Blue button to skip the current channel.
5. Press FAV button to set the current channel to your favorite channel, there will be a red heart at the behind of the channel selected. If the current channel is already be one of your favorite channel, press it again will set it to a normal one.

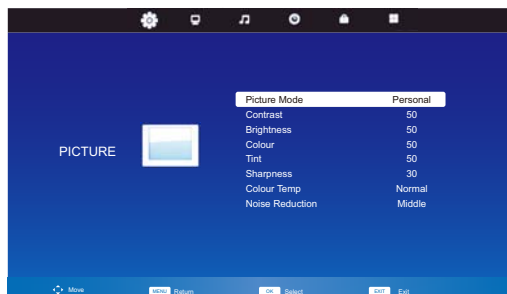
You can call out the channels from the "Favorite List" by pressing FAV button while enjoying TV program.



Signal Information (For DTV only): This menu displays signal details, including Channel, Frequency, Quality and Strength.

LCD TV

2 PICTURE MENU



The image on the left depicts the picture menu.

The definition of each option:

Picture Mode: Changes the picture mode in sequence: Dynamic → Standard → Mild → Personal. You may select the picture mode by pressing P.MODE button repeatedly.

Contrast: Changes the value of contrast with the key ◀/▶ in the range of 0 to 100.

Brightness: Changes the value of brightness with the key ◀/▶ in the range of 0 to 100.

Colour: Changes the value of colour with the key ◀/▶ in the range of 0 to 100.

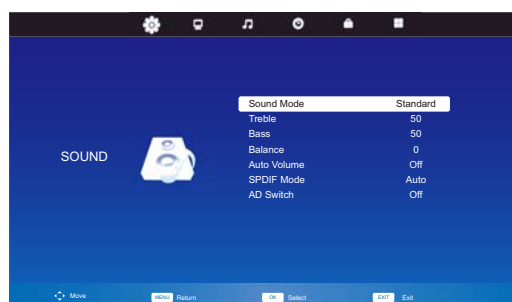
Tint: Changes the value of tint with the key ◀/▶ in the range of 0 to 100 (For NTSC signal only).

Sharpness: Changes the value of sharpness with the key ◀/▶ in the range of 0 to 100.

Colour Temp: Changes the colour temperature in sequence: Cold → Normal → Warm.

Noise Reduction: Changes the picture noise reduction in sequence: Off → Low → Middle → Default.

3 SOUND MENU



The image on the left depicts the sound menu.

The definition of each option:

Sound Mode: Changes the sound mode in sequence: Standard → Music → Movie → Sports → Personal. You may select the sound mode by pressing S.MODE button repeatedly.

Treble: Changes the value of treble with the key ◀/▶ in the range of 0 to 100.

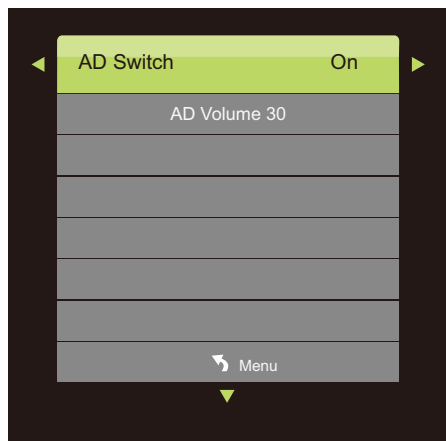
Bass: Changes the value of bass with the key ◀/▶ in the range of 0 to 100.

Balance: Changes the value of balance with the key ◀/▶ in the range of -50 to +50.

Auto Volume: Changes the auto volume mode to "On" or "Off".

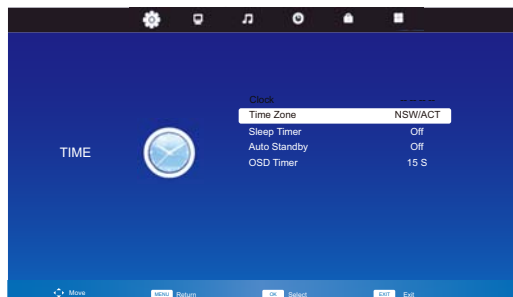
SPDIF Mode: Changes the SPDIF mode in sequence: Auto → Off → PCM.

AD Switch (For DTV only): Press ▲/▼ button to this position, then press ▶ or OK button to enter. Press ◀/▶ button to select the audio descriptor to On or Off as well as adjust the volume of the AD.



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4 TIME MENU



The image on the left depicts the time menu.

The definition of each option:

Clock (For DTV only): Display the current system time. It's not available.

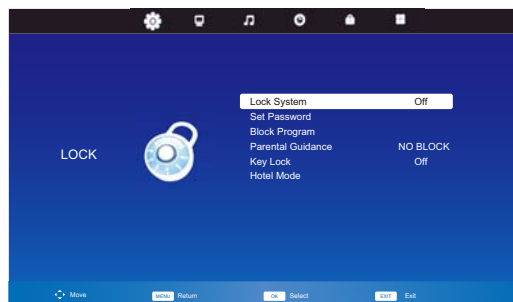
Time Zone (For DTV only): Press **▼/▲/◀/▶** button to set the proper time zone according to your region.

Sleep Timer: Set the sleep timer to put automatically the TV in standby mode. Timer can be selected as 10, 20, 30, 60, 90, 120, 180, 240 and 0 Min(Off). You may select the sleep timer by pressing SLEEP button repeatedly.

Auto Standby: The options are Off, 3 H, 4 H, 5 H. You can set the main unit to turn off automatically when there is no signal in a preset time (1 minute while the input source is "PC").

OSD Timer: Changes the OSD timer as 5 S, 10 S, 15 S, 20 S, 25 S, 30 S.

5 LOCK MENU



The image on the left depicts the lock menu.

The definition of each option:

Lock System: Press **▲/▼** button to select Lock System, then press **▶** or OK button to select On or Off which enables or disables below lock functions.

Password: Enter the default password "0000" to go to the LOCK function menu if you have set Lock System to On.

Set Password: Set a new password.

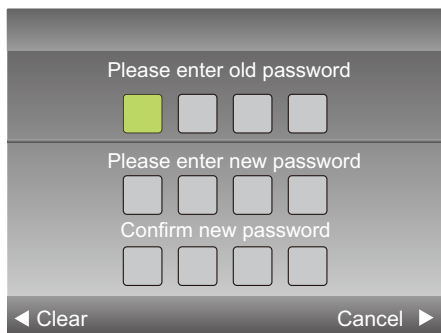
Block Program: Add or release a lock to some special program. When watch a locked program, a dialogue box appears. You should enter the correct password. The initial password is "0000".

Parental Guidance (For DTV program only): Set the parental guidance level.

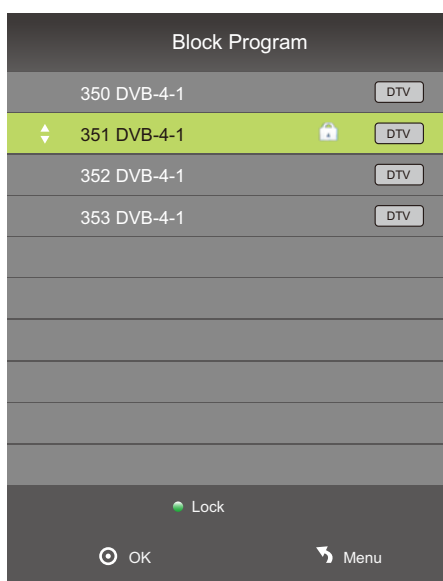
Key Lock: Set to On, the keypad on the main unit except POWER button cannot work.

Hotel Mode: Set the hotel mode function.

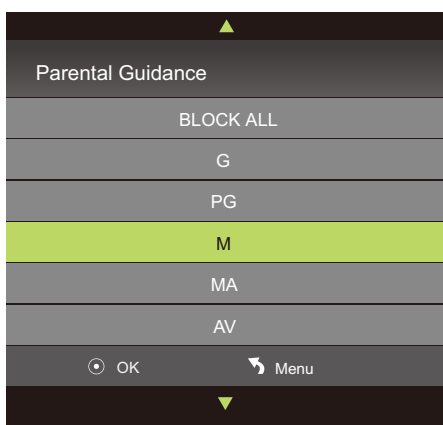
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Set Password: You can change the password by entering the old and a new password and then re-entering it to confirm the new one.

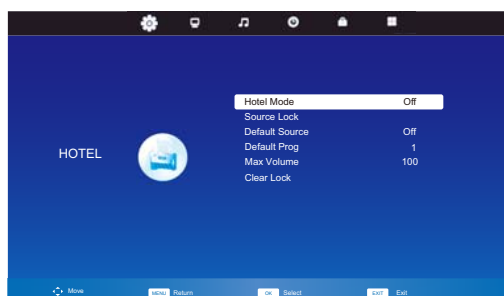


Block Program: Press Green button to lock the desired channel, press it again to unlock it.



Parental Guidance (For DTV program only): Press ▲/▼ button to set the parental guidance level.

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Hotel Mode: Have the priority than other options below. To set below options, this item must be set to “On” firstly.

Source Lock: To set the input source item which you want to be locked.

Default Source: To set the default input source when you open the TV main unit.

Default Prog: To set the default ATV channel program when you power on the TV.

Max Volume: To set the maximum volume value.

Clear Lock: To clear all the locks.

6 SETUP MENU

The image on the left depicts the setup menu.

The definition of each option:

OSD Language: Changes the OSD language as English → Spanish → French → Italian → German.

TT Language: Set the teletext language.

Hearing Impaired (For DTV only): Changes the hearing impaired mode to “On” or “Off”.

PVR File System (For DTV only): To check the USB connected and provide with the recording function.

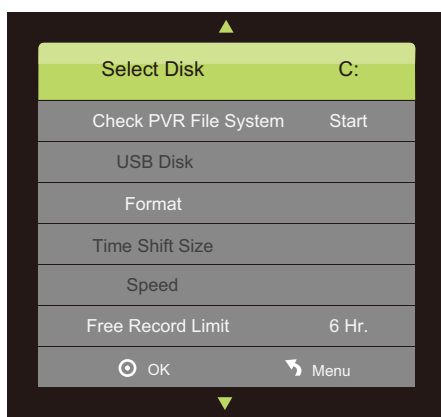
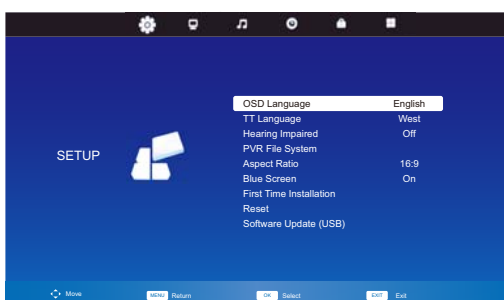
Aspect Ratio: Changes the aspect ratio in sequence: Auto → 4:3 → 16:9 → Zoom 1 → Zoom 2 → Just Scan. (“Just Scan” is panoramic display, so black edging may appear according to the data rate. “Auto” and “Just Scan” may be not available in some sources.)

Blue Screen: Set to “On”, blue screen displays; set to “Off”, blue screen disappears.

First Time Installation: Set relevant options including OSD Language and Channel Tuning. Please refer to P8 for concrete operations.

Reset: To set all the options to factory setting (Set this option only when it is necessary).

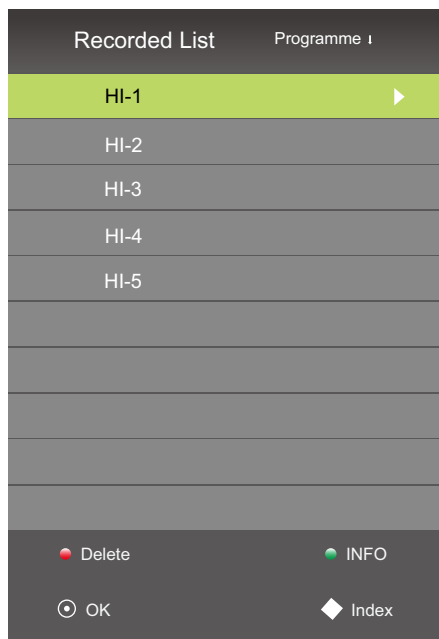
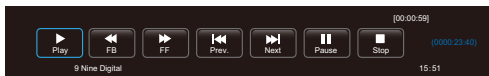
Software Update (USB): To update software by using USB.



PVR File System (For DTV only): Firstly insert USB device to the USB1/2 port, and press ▲/▼ button to choose “Check PVR File System”, then press OK button to start checking. This process needs some seconds. If it finishes, the word “SUCCESS” will be shown after “Check PVR File System”, and the speed will be shown on the menu as well. Now you can record and save the DTV programme.

Note: Hard disk with self-contained power is suggested to be used.

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Press **●** button on the remote control to start recording the programme. “**▶**” mark appears at the top left corner of the TV screen, and the title bar appears at the bottom which includes the recording information. You can press **◀▶** button to select one function you want to run, then press OK button to operate.

Press EXIT button to hide the title bar.

You can press relevant buttons on the remote control to perform such functions directly.

Press REC.LIST button to display the recorded list.

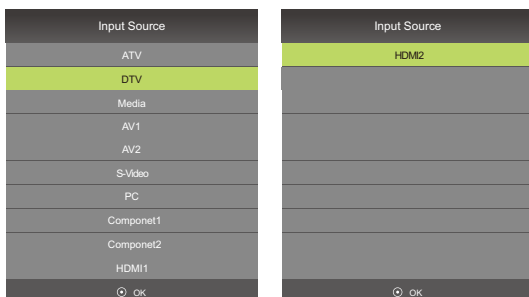
Press **▲/▼** button to select the desired one, then press OK button to play the recorded programme.

Press Red button to delete the current list.

Press Green button to show the list's information.

Press INDEX **≡i** button to sort all the programs according to Programme, Channel or Time.

★ SOURCE



1. Press SOURCE button to change from ATV to other available inputs.

2. Press **▲/▼** button to select signal source.

3. Press OK or **▶** button to confirm.

4. Press EXIT button to exit signal source menu.

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USB Operation

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Basic operation

Before operating Media menu, plug in USB device in USB1/2 port, then press SOURCE button to set the input source to Media.

Press ▲/▼ button to select Media in the source menu. then press OK or ► button to enter.

Press ◀/▶ button to select the submenu: PHOTO, MUSIC, MOVIE or TEXT, and press OK button to confirm.

Supported USB format

This product can play the following formats of USB.

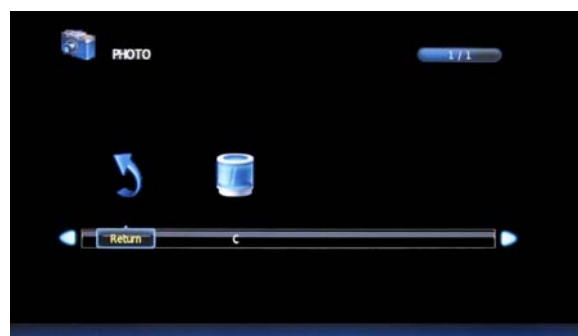
Mode Type	Supported Format
PHOTO	PNG / JPEG / BMP
MUSIC	WMA / MP3
MOVIE	AVI / DAT / MP4 / MPG
TEXT	TXT

USB menu

PHOTO

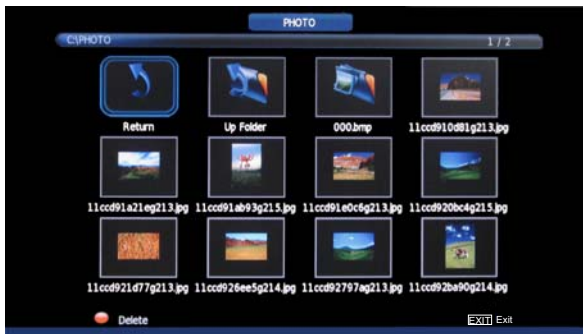


Press ◀/▶ button to select “PHOTO”, then press OK button to enter.



Press ◀/▶ button to select “Return” option to back to the previous menu. Select “C” option to enter.

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Press ◀▶ button to select the file you want to watch in the file selecting menu. When highlighting the option you select, the file information will appear on the right and picture will be previewed in the center.



Press OK button to start a slideshow. Press Red button then select “Yes” or press OK button to delete the file selected. Press INFO button to show the menu in the bottom, and you can press ◀▶ button to select one function you want to run, then press OK button to operate. Press EXIT button to return to the main menu. You can press relevant buttons on the remote control to perform such functions directly.

- ▶ || button: Pause or resume playing.
- ◀◀▶▶ button: Skip to previous or next picture.
- button: Stop playing and return to the main menu.

MUSIC

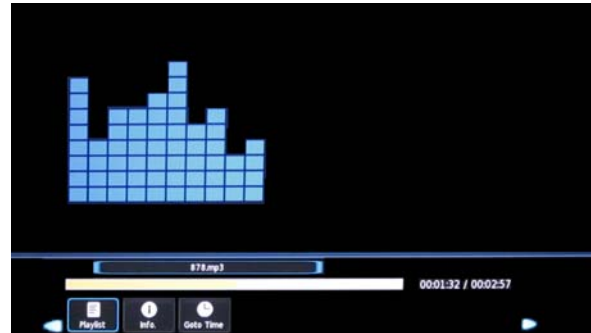
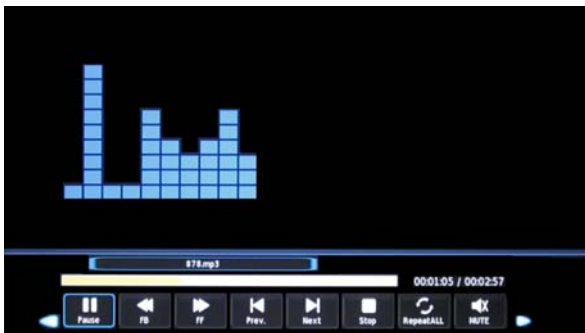


Press ◀▶ button to select “MUSIC”, then press OK button to enter.



Press ◀▶ button to select the file you want to listen in the file selecting menu. When highlighting the option you select, the file information will appear on the right and song will be played automatically.

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Press ◀▶ button to select one function in the bottom you want to run, then press OK button to operate. Press EXIT button to return to the main menu.

You can press relevant buttons on the remote control to perform such functions directly.

▶ || button: Pause or resume playing.

◀◀▶▶ button: Skip to previous or next music.

◀◀▶▶ button: Fast backward or forward.

■ button: Stop playing and return to the main menu.

MOVIE



Press ◀▶ button to select “MOVIE”, then press OK button to enter.

Press INFO button to show the menu in the bottom, and you can press ◀▶ button to select one function you want to run, then press OK button to operate. Press EXIT button once to exit the menu in the bottom, press it again to return to the main menu.

You can press relevant buttons on the remote control to perform such functions directly.

The basic operations are the same as “MUSIC”.

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TEXT



Press ◀▶ button to select “TEXT”, then press OK button to enter.



Press ◀▶ button to select the file you want to watch in the file selecting menu. When highlighting the option you select, the file information will appear on the right and text will be previewed in the center. Press OK button to start to view the text in full screen. Press INFO button to show the menu in the bottom, and you can press ◀▶ button to select one function you want to run, then press OK button to operate. Press EXIT button to return to the main menu. You can press relevant buttons on the remote control to perform such functions directly.

LCD TV

Trouble shooting

Before contrast the service technician, perform the following simple checks. If any problem still persists, unplug the LCD TV and calling for assistance.

PROBLEM	POSSIBLE SOLUTION
No sound and picture	<ul style="list-style-type: none">- Check that the main plug has been connected to a wall outlet.- Check that you have pressed the POWER button on the front of the TV set.- Check the picture contracting and brightness settings.
Normal picture but no sound	<ul style="list-style-type: none">- Check the volume.- Sound muted? Press the MUTE button.- Try another channel the problem may be with the broadcast.- Are the audio cables installed properly.
The remote control does not work	<ul style="list-style-type: none">- Check to see if there any object between the product and remote control Causing obstruction .- Are the batteries installed with correct polarity(+ to +,- to -).- Correct remote operating mode set: TV, VCR etc.?- Install new batteries
Power is suddenly turned off	<ul style="list-style-type: none">- Is the sleep timer set.- Check the power control settings. Power interrupted.- Unplug the TV for one minute then reconnect it and try again.
Picture appears slowly after switching on	<ul style="list-style-type: none">- This is normal, the image is muted during the product startup process. Please contact your service center, if the picture has not appeared after five minutes.
No or poor color or poor picture	<ul style="list-style-type: none">- Adjust the color in menu option.- Keep a sufficient distance between the product and the VCR.- Try another channel, the problem may be with the broadcast.- Are the VIDEO cables installed properly?
Horizontal/vertical bars or picture shaking	<ul style="list-style-type: none">- Check for local interference such as an electrical appliance or power tool.
Poor reception on some channels	<ul style="list-style-type: none">- Station or cable product experiencing problems. Tune to another station.- Station signal is weak, reorient antenna.- Check for sources of possible interference.
Lines or streaks in pictures	<ul style="list-style-type: none">- Check the antenna(Change the direction of the antenna).
No output from one of the speakers	<ul style="list-style-type: none">- Adjust balance in the menu option.

LCD TV

NOTE: There is a problem in VGA mode.(Only VGA mode applied)

PROBLEM	POSSIBLE SOLUTION
The signal is out of range.	<ul style="list-style-type: none">- Adjust resolution, horizontal frequency, or vertical frequency.- Check it whether the signal cable is connected or loose.- Check the input source.
Vertical bar or stripe on back ground&Horizontal Noise&Incorrect position.	<ul style="list-style-type: none">- Work the auto configure or adjust clock, phase, or H/V position.
Screen color is unstable or single color.	<ul style="list-style-type: none">- Check the signal cable.- Reinstall the PC video card.

Maintenance

Early malfunctions can be prevented. Careful and regular cleaning can extend the amount of time you will have your new TV. Be sure to turn the power off and unplug the power cord before you begin any cleaning.

Cleaning the screen

1. Here's a great way to keep the dust off your screen for a while. Wet a soft cloth in a mixture of lukewarm water and a little fabric softener or dish washing detergent. Wring the cloth until it's almost dry, and then used it to wipe the screen.
2. Make sure the excess water is off the screen, and then let it air-dry before you turn on your TV.

Cleaning the cabinet

To remove dirt or dust, wipe the cabinet with a soft, dry, lint-free cloth. Please be sure not to use a wet cloth.

Extended Absence



If you expect to leave your TV dormant for a long time(such as a vacation), it's a good idea to unplug the power cord to protect against possible damage from lightning or power surges.

LCD TV

Specifications

Panel Features	
Screen Size	46 inch
Active Area	1018.08mm (H) X 572.67mm (V)
Aspect Ratio	16:9
Panel Resolution	1920 X 1080
Brightness	400 cd/m ²
Contrast Ratio	5000:1
Viewing Angle	178 °(H) X 178 ° (V)
Dot Pitch	0.4613mm (H) X 0.1538mm (V)
Maximum Colour	16.7M
Response Time Black-White (R&D)	8ms
OSD Languages	
English, French, Spanish, German, Italian	
TV Function	
Broadcast System	PAL/DVB-T
Receiving Channel	B/G
Video Standards Supported	
Composite Video input	NTSC / PAL
S-Video Input	NTSC / PAL
Antenna (RF)	PAL / DVB-T
Audio Output	
Speaker (Built-in)	2 (10W, 12 Ohm)
Input Connections	
TV Input (Digital tuner/Analog tuner)	1 (RF - 75 Ohm)
YPbPr Input	2 Component (3 pin)
S-VIDEO	1 (4 pin DIN)
VGA Input	1 (15 pin D-Sub)
AV Input	2 Composite (Yellow RCA)
L+R Audio Input (For YPbPr, AV, S-VIDEO)	3 (White RCA, Red RCA)
PC Audio in	Stereo Mini Phono Jack Input (3.5mm)
HDMI Input	2 (19 pin)
USB Input	2
VGA Resolutions Supported	
640x480 @ 60Hz	
800x600 @ 60Hz	
1024x768 @ 60Hz	
1920x1080 @ 60Hz	
Power	
Power	AC 100V - 240V~ 50 / 60Hz
Power Consumption	260W